



20b
AL

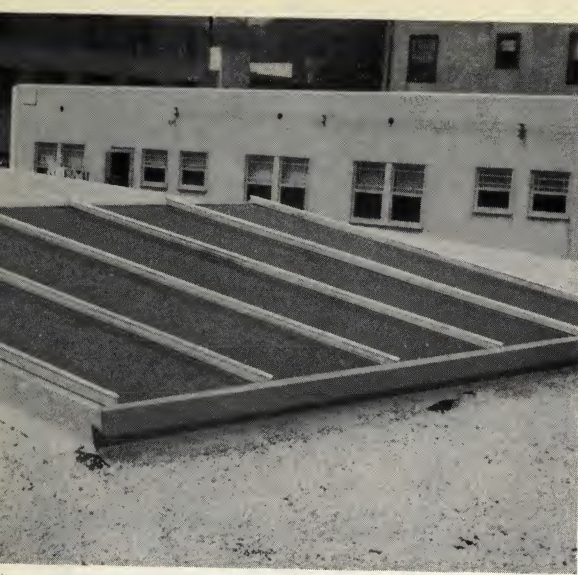
Still satisfying these 2 great needs

LOWER COST AT INSTALLATION

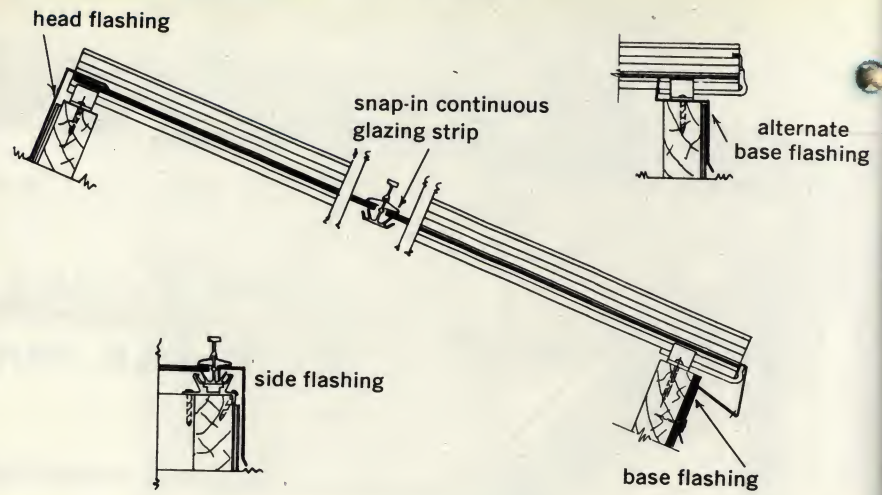
DURABLE, MAINTENANCE-FREE LIFE

since 1939, that's

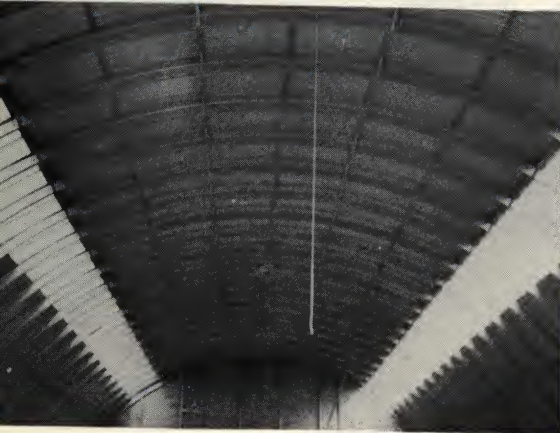
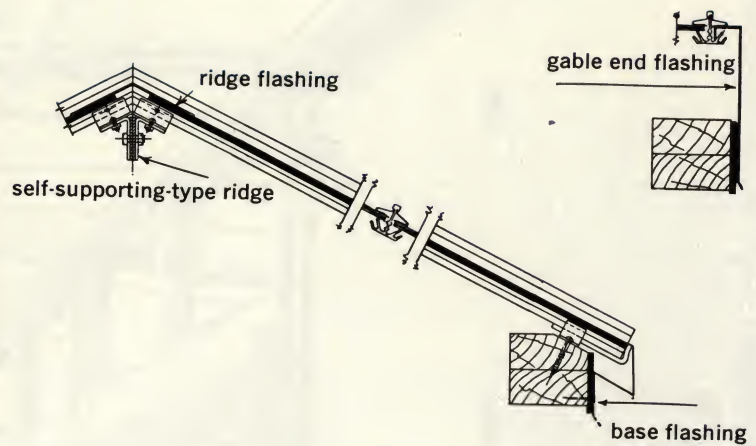
aluminex
PUTTYLESS
skylights



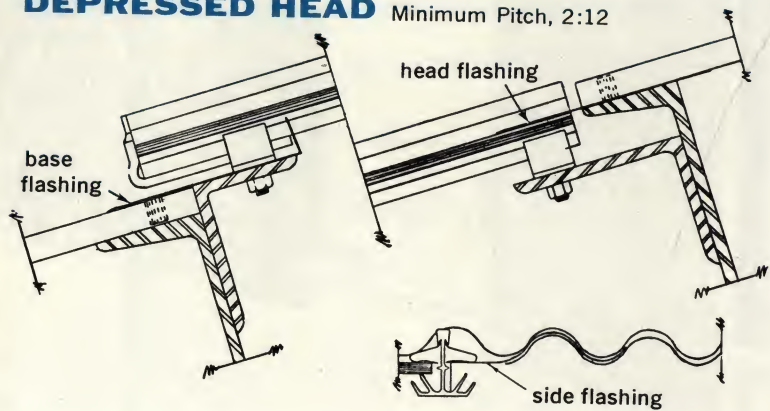
SINGLE PITCH Minimum Pitch, 2:12



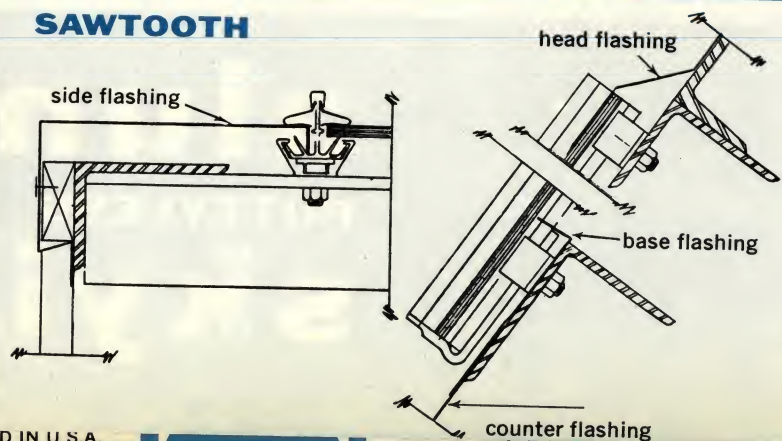
DOUBLE PITCH Standard Pitches 4:12 and 6:12



DEPRESSED HEAD Minimum Pitch, 2:12



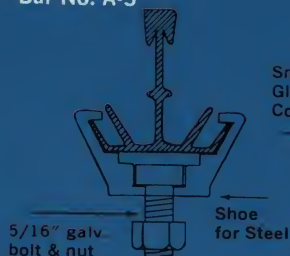
SAWTOOTH



aluminex

bars and fittings—half-scale

Bar No. A-5



Section Modulus 0.126

Bar No. A-6



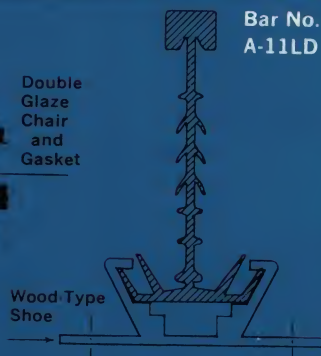
Section Modulus 0.170

Bar No. A-8LD



Section Modulus 0.270

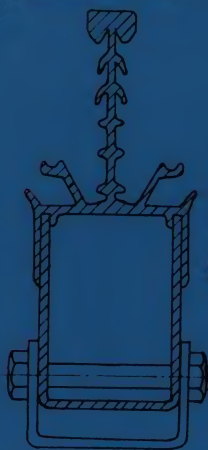
Bar No. A-11LD



Section Modulus 0.540

Bar No. A-16

Tubular Bar for extra-long spans

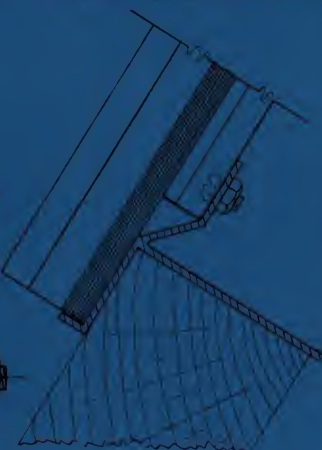


Tubular portion available 1", 2", 3", or 4" deep.

Section Modulus with 1" tube .040
2" tube .070
3" tube .105
4" tube .150

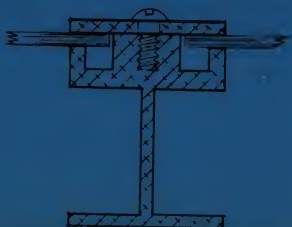
Bar No. C-1

Continuous extruded sill for fixed or vertical Sawtooth



Bar No. B-5

Special sections for special conditions—consult mfg.



Bar No. G-4



TABLE OF ALLOWABLE SPANS

The table of maximum allowable clear horizontal spans for Aluminex glazing bars given below, as approved by the Uniform Building Code Technical Committee, is predicated on a design stress of 13,500 p.s.i. for 6063 T5 aluminum alloy and for glazing bars spaced 24 1/2" o.c.

Bar No.	Section Modulus	Allowable Horizontal Span	
		on Pitch of 3:12 or Less	on Pitch of Over 3:12
A-5	.126	4' 9"	5' 3 3/4"
A-6	.170	5' 6"	6' 2"
A-8 LD	.270	7' 0"	7' 9 1/2"
A-11 LD	.540	9' 10"	11' 0"
A-16 LD-1	.40	8' 10"	10' 0"
A-16 LD-2	.70	11' 6"	12' 9"
A-16 LD-3	1.05	14' 0"	15' 9"
A-16 LD-4	1.50	16' 9"	18' 9"

Structural test of Aluminex Bars made at
Materials Testing Laboratory,
California Institute of Technology.

STANDARD SPECIFICATION

All skylights or other glazed areas where "Aluminex" is shown or indicated shall be of puttyless construction using extruded aluminum glazing bars with interlocking shoes and glass stops similar and equal to those manufactured by Aluminex Incorporated, 2408 Forney Street, Los Angeles 31, California, and shall be installed, glazed and flashed in accordance with manufacturer's recommendations.

Framing and curbs for skylight openings shall be provided by the General Contractor. If steel, Steel Fabricator shall punch steel as required for skylight attachment in accordance with approved skylight shop drawings.

Glazing bars and fittings shall be of the proper Aluminex sections for the spans and type of construction shown, using an alloy equal to Alcoa 6063 T5. Dual condensation gutters integral with the bars shall be similar to the sections shown, and all fittings such as mounting shoes, glass stops, etc. shall be purpose-made extrusions designed to assemble securely with glazing bars without the use of connector screws or bolts.

Glass shall be continuously supported for its full length and retained by continuous one piece snap-in type glazing strips roll-formed of aluminum alloy 5052 H34, or equal. They shall interlock with the glazing bar to provide evenly distributed factory set pressure insuring cushioned support to absorb shocks and vibrations, compensate for expansion or contraction, and yet retain the glass firmly in a weathertight manner without recourse to screws, bolts, caps, clips, felt pads, putty or similar expedients.

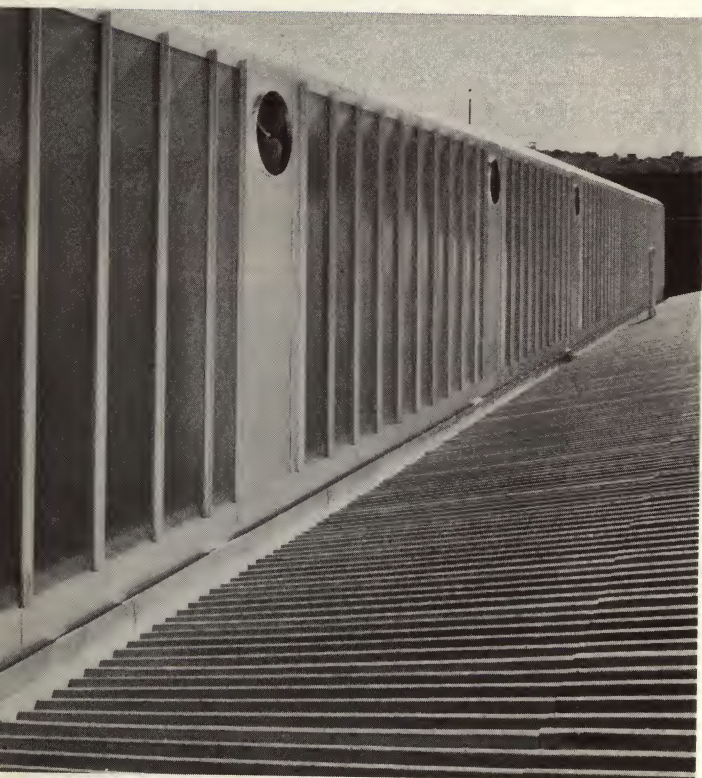
Flashing shall be as detailed, flytight and removable without disturbing bars, glass or mounting hardware, and shall be formed of a corrosion-resisting aluminum alloy similar and equal to the glazing strips.

Glass shall be 1/4" obscure wire, furnished and installed by the skylight contractor unless otherwise specified.

All Aluminex glazing bars shall be spaced 24 1/2" on centers unless otherwise shown.

aluminex

plus quality features



Moulin Studio, San Francisco

- 1 LONG SERVICE—LOW COST...**A finely engineered lifetime skylight at the price of ordinary sheet metal construction.
- 2 PUTTYLESS...**No putty to harden or pads to dry out.
- 3 ALL ALUMINUM...**No painting or maintenance required.
- 4 SNAP IN ONE-PIECE GLAZING STRIPS...**Patented interlocking spring aluminum strips require no tools to apply and provide quick positive glazing without recourse to putty, pads, gaskets, caps, screws, bolts, clips or similar expedients.
- 5 UNIFORM TENSION ON GLASS...**The only puttyless system providing absolutely uniform factory preset glazing tension. Allows free expansion of glass without sacrifice of weathertightness.
- 6 POSITIVE INTERLOCKING MEMBERS...**Bars, glass stops and mounting shoes all interlock to form integral unit without use of screws, bolts or pins. Parts cannot separate in service.
- 7 HIGHEST QUALITY CONSTRUCTION...**6063 T5 (or equal) aluminum alloy extruded load carrying glazing bars with dual condensation and drainage gutters and 5052-H34 aluminum alloy glazing strips and flashing, provide greatest tensile strength combined with high corrosion resistance. Backed by more than 18 years experience in both America and Europe.
- 8 AVAILABILITY...**Aluminex is sold and installed by sheet metal contractors everywhere. See list of factory sales representatives below.
- 9 CODE APPROVED...**Aluminex was the first aluminum puttyless glazing system to be approved by the Uniform Building Code Technical Committee. Glass 24" wide and any length up to 10' 8" may be used in the Aluminex system. (Building Code limit of 720 sq. inch glass panels does not apply when Aluminex is used.)

PARTIAL LIST OF ALUMINEX SALES REPRESENTATIVES

ALABAMA			MICHIGAN			OREGON		
Birmingham	The Conarc Co.	4905 1st Ave. N.	Detroit 34	Wolverine Door Co. Incorporated		Portland 4	W. H. Cress Co.	201 Concord
LY 2-1472			2966 E. 7 Mile Rd.	FO 6-8982		Bldg.	CA 8-1741	
ARIZONA			MINNESOTA			PENNSYLVANIA		
Phoenix	Building Specialties Supply	3026 No	Duluth	Arrowhead Steel Distributors, Inc.		Philadelphia 7	M. O. Sundelius	1321 Arch
16th St.	AM 6-0462		1122 W. Railroad St.	RA 7-5016		Street	LO 7-2484 & LO 7-3061	
CALIFORNIA			Minneapolis 2	James C. Nystrom Co.	Rm. 1087	Pittsburgh 8	P. Larsen Co., Inc.	503 N
Fresno 4	H. LaB Wilson	4525 No. Wishon		Northwestern Bank Bldg.	FE 8-1522	Homewood Avenue	FR 1-4900	
AM 4-2689			MISSOURI			TENNESSEE		
Los Angeles	Kenneth Courtney, Inc.	P.O. Box	Kansas City 11	Howard & Arnold Co.	226 W	Nashville 4	Evans Glass Co.	499 Craighead St
679 North Hollywood			39th St.			AM 9-1476		
Sacramento	"Openings"	1331 "T" St.	St. Louis	The Carlin Co.	117 Helfenstein	TEXAS		
San Diego 3	Charles F. Barker	3646 1/2 Park	Avenue	Webster Groves 19		Corpus Christi	W. G. Gower Co.	P.O. Box 2095
DI	CY 8-6930		NEW MEXICO			223 No. Port Ave.	TU 3-0878	
San Francisco 7	Rolph, Mills & Co.	325 Fifth	Albuquerque	Harry I. Davis	P.O. Box 4055	Dallas	R. M. Tacker Co.	4330A W. Jefferson
St. Barbara	John Young	15 W. Junipero St	718 Carlisle Blvd. S.E.	5-1824		Bldg.	FE 1-4734	
2-1358			NEW YORK			San Antonio 12	Lee Carlson Co.	Box 8356
COLORADO			Albany area	Alexander J. Woehrl	P.O. Box	126 Jon Ann St.	PE 5-5247	
Denver 11	E. P. Murr	2542 W. 28th Avenue	134, 337 Delaware Ave.	Delmar	9-4417	TERRITORY OF HAWAII		
GE 3-3334			Buffalo Area	Bos-Hatten, Inc.	French and Union	Honolulu 2	Lewers & Cooke, Ltd.	P.O. Box
DISTRICT OF COLUMBIA			Roads	West Seneca 24	HO 4366	2930, 404 Piliol Parkway	5-1961	
Alexandria, Va.	Randall S. Stover	3834 Mt.	NORTH CAROLINA & SOUTH CAROLINA			UTAH		
Vernon Ave.	Box 5034, Geo. Washington Station	King 8-4832	Greenville S.C.	Building Specialties Sales Co.		Salt Lake City	Carver Sheet Metal Works	
FLORIDA			P.O. Box 2142			P.O. Box 1556	1349 Jefferson St.	84-4387
Jacksonville	George C. Griffin Co.	P.O. Box	OHIO			VIRGINIA		
5151, 4201 Old St.	Augustine Rd.	EX 8-6431	Cincinnati 31	Condit Construction Products, Inc.		Richmond	W. H. Stovall & Co. Incorporated	
Miami	E. G. Koyl, Inc.	14716 N.W. 7th Avenue	Cleveland 15	C. F. Ireland	405 Caxton Bldg.	303 S. 2nd St.	2-5811	
MU 5-1551			PR 1-0990			WEST VIRGINIA		
St. Petersburg	B. H. Mueller	1548 - 77th St.	Columbus	Condit Construction Products, Inc.		South Charleston 3	Mechanical Products Co.	
North	DI 2-2505		1026 W. Goodale Blvd.	AX 4-3791		323 Fourth Ave.	RI 4-2614	
GEORGIA			Dayton	Condit Construction Products, Inc.		WASHINGTON		
Atlanta	Wm. E. McGill & Co.	215 Red Rock	2800 E. Third Street	KE 1178		Seattle 99	Northwest Associates Inc.	531 First
Bldg.	JA 5-7644		OKLAHOMA			Ave. West	AT 4-7000	
LOUISIANA			Oklahoma City	Murray R. Womble Co.	121 N.E.	WISCONSIN		
New Orleans 19	Alumaglass Bldg. Products, Inc.		26th Street	JA 5-7417		Milwaukee 11	Air Handling & Specialty Co.	
P.O. Box 7037	739 Clark St.	AU 0844	Tulsa 19	Murray R. Womble Co.	216 E. 16th	117 W. Belle Ave.	ED 2-4010	
			Street	LU 4-7414				

If not listed, write manufacturer for name of representative for your area.

manufactured by

ALUMINEX INCORPORATED 2408 Forney Street, Los Angeles 31, California • Capitol 3-1114

OTHER ALUMINEX PRODUCTS INCLUDE: ALUMINEX GREENHOUSES • ALUMINUM LATH HOUSES
CAR PORTS • PATIO SHADES AND CABANAS • CRESTVIEW ALUMINUM SLIDING DOORS

PRINTED IN U.S.A.

LITHO IN U.S.A.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Carol J. Dyson, AIA